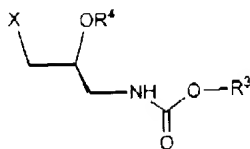
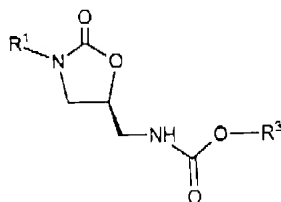


**IN THE CLAIMS:**

57. (New) A compound having a the S-configuration of general structural formula:

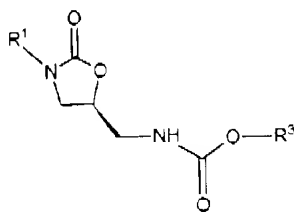


wherein  $R^3$  is  $C_1$ - $C_{10}$  alkyl,  $R^4$  is hydrogen or  $C_1$ - $C_5$  alkylcarbonyl, X is halogen, alkylsulfonyl, arylsulfonyl, or taken together with  $OR^4$  to form an epoxide or an oxazolidinone having a general structural formula:

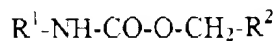


wherein  $R^1$  is an aryl group, optionally substituted, or a salt or hydrate thereof.

58. (New) A method of preparing an (S)-oxazolidinone having a general structural formula:

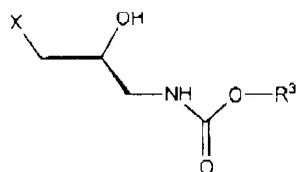


wherein  $R^3$  is  $C_1$ - $C_{10}$  alkyl, and  $R^1$  is optionally substituted aryl, or a salt or hydrate thereof, comprising contacting a carbamate having a general structural formula:

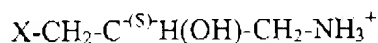


wherein  $R^2$  is selected from the group consisting of  $C_1$ - $C_{20}$  alkyl,  $C_3$ - $C_7$  cycloalkyl, aryl optionally substituted with one or two  $C_1$ - $C_3$  alkyl or halogen groups, allyl, 3-methylallyl, 3,3-dimethylallyl, vinyl, styrylmethyl, benzyl optionally substituted on the phenyl with one or two Cl,  $C_1$ - $C_4$  alkyl, nitro, cyano, or trifluoromethyl groups, 9-fluorenylmethyl, trichloromethylmethyl, 2-trimethylsilylethyl, phenylethyl, 1-adamantyl, diphenylmethyl, 1,1-dimethylpropargyl, 2-furanylmethyl, isobornyl, and hydrogen, or a salt or hydrate thereof, with

- i) a secondary alcohol having a general structural formula:

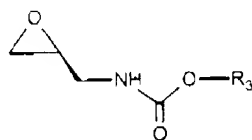


wherein X is halogen, alkylsulfonyl, or arylsulfonyl, or a salt or hydrate thereof made by the process comprising contacting an (S)-3-carbon amino alcohol having a general structural formula:

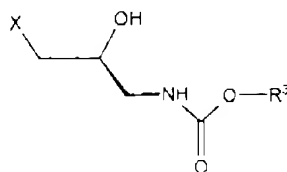


with a base and an carbonylating agent selected from the group consisting of a haloformate having a formula  $R^3O-CO-X$  and a dialkyldicarbonate having a formula  $R^3OCO_2R^3$ ;

- ii) an (S)-epoxide having a general structural formula:

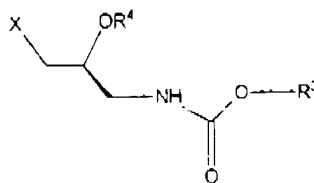


made by the process comprising contacting an (S)-secondary alcohol having a general structural formula:



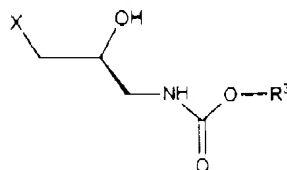
with a base and an acylating agent selected from the group consisting of an acid anhydride having a formula  $O(R^4)_2$ , and an activated acid having a formula  $R^4X$ ; or

iii) an (S)-ester having a general structural formula:



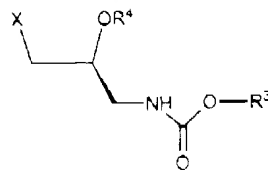
wherein  $R^4$  is  $C_1$ - $C_5$  alkylcarbonyl made by the process comprising contacting

a) an (S)-secondary alcohol having a general structural formula:



wherein X is a halogen, alkylsulfonyl, or arylsulfonyl; or

b) an (S)-ester having a general structural formula:



wherein  $R^4$  is  $C_1$ - $C_5$  alkylcarbonyl, with a lithium cation and a base whose conjugate acid has a pKa of greater than about 8;

in the presence of a lithium cation and a base whose conjugate acid has a pKa of greater than about 8.